

INFORMATION REPORT

Aug
COUNTRY **USSR**

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SUBJECT **Planned Change from Direct to Alternating Current**

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1.

The Russians intend to install direct current instead of alternating current
throughout the USSR. [] the reason for this is that the loss of electric
energy over long distances is less for direct than for alternating current

2.

As part of this scheme, factories for the building of rectifiers are being
planned, one of the most important of which is to be erected at Sverdlovsk. 50X1-HUM
A high tension transmission plant (400,000 volts) at Moabit, Germany, with
a trial high tension line for converting alternating to direct current, has
been removed and re-erected near Moscow. []

3.

[] the Russians are very short of
graphite for electrodes.

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